

European BEST Engineering Competition Local Group BEST Lisboa

Regulation of European BEST Engineering Competition Challenge NAME AND REGISTERED OFFICE

1. The *Board of European Students of Technology* (BEST) is a non-profit European association of students of technology. The main objectives of BEST are to develop activities that promote a continuous and cross-field learning for technology students and to provide opportunities for personal and cultural development in an international context. BEST helps european students to insert themselves into the international environment, providing them the opportunity to achieve a better understanding of European cultures and develop work skills on a international basis. Headquartered in *Instituto Superior Técnico - Universidade de Lisboa* (IST-ULisboa), the Local Group BEST Lisbon is one of the 13 founding members of the International BEST and, since its formation, one of the most active Local Groups at national and international level. The headquarters is located at *Instituto Superior Técnico* (IST), Rovisco Pais Avenue, 1, 1049-001 Lisbon.

Article 1 [Engineering Competition]

The Local Group BEST Lisbon, hereinafter referred as BEST Lisbon, promotes an Engineering Competition under the name EBEC Challenge Lisbon - *European BEST Engineering Competition* Lisbon.

- a) The EBEC is an European engineering competition organized by BEST, and is organized in two phases: a local round and a national round;
- b) The EBEC Lisbon has a total of 24 hours of competition, plus presentations and opening and closing ceremonies;
- c) The EBEC Lisbon consists of two categories - Case Study and Team Design - taking place at the weekend of 23-25 of March at the *Campus Alameda of Instituto Superior Técnico*;
- d) The presentations of each category will take place on March 25th, 2019 on Campus Alameda of Instituto Superior Técnico;
- e) Each team can only participate in one of the categories;
- f) The winners of each category will compete on the national phase of EBEC, the EBEC Portugal, which will take place at the *Campus Alameda of Instituto Superior Técnico* from the 26th of April till the 29th of April, 2019;
- g) The Organization consists of the Main organizers (of the event), duly identified BEST members, faculty members linked to the competition, media partners and company representatives;
- h) The EBEC Lisbon aims to:
 - Encourage creativity;

- Foster teamwork;
- Develop diverse and interdisciplinary skills;
- Enable students direct contact with companies in an informal setting;
- Develop problem-solving skills;
- Enable the practical application of theoretical knowledge;
- Motivate learning through new experiences;
- Promote the debate of ideas;
- Provide moments of leisure and fun.

i) Participation in the event implies acceptance of all the clauses of this Regulation.

Article 2 [Recipients]

Those who may participate in the EBEC Lisbon are all students of technology from the *University of Lisbon (ULisboa)* enrolled in the academic year 2018/2019.

- a) Participants should submit their application with teams of four elements that should be present throughout all the competition;
- b) The winning team of each round, in order to be able to participate in the EBEC Portugal, must guarantee the availability of at least three of the elements that formed the original team at EBEC Lisbon;
- c) If one of the winning teams cancels its participation in the EBEC Portugal, the team placed second in the same category, will be invited to the next round. This process will be repeated until one of the teams confirms their participation in the EBEC Portugal;
- d) The participation of teams under four elements will only be possible in exceptional circumstances, subject to a decision by the Organization;
- e) All those associated or linked to BEST Lisbon are excluded from participation in the competition;
- f) Students who have been linked to BEST in the past will be analyzed individually by the Organization;
- g) Participants are completely responsible for their behaviour and any physical or psychological consequence of their actions during the EBEC Lisbon.

Article 3 [Location, Date and Enrollment]

- a) The EBEC Lisbon will be held at the Civil Building on Campus Alameda of *Instituto Superior Técnico*;
- b) The 24 hours of competition will take place on the days 23th to the 25th of March, 2019 for both categories. On March 25th, 2018, Case Study and Team Design teams will present the solutions developed during the competition to a panel of judges, composed of faculty members linked to the competition and/or business representatives;
- c) The registrations for the competition are made online via the EBEC Lisbon's website (<https://best.tecnico.ulisboa.pt/ebec/en.html>) until March 18th, 2019 in the category Team Design and until March 20th, 2019 in the category Case Study. To join the competition, participants will have to fill the form present on the EBEC Lisbon website;
- d) The selection of the teams will be determined based on the fulfillment of the criteria

selected by the Organisation:

- **Case Study Category:**

- Teams with greater diversity of courses attended by the members of each team;
- Year of Schooling
- Academic Performance;

- **Team Design Category:**

- Teams with greater diversity of courses attended by the members of each team;
- Greater creativity in picking the team's name;
- Greater creativity answering the form's questions.

- e) The organisation reserves the right to request other necessary documents, which must be delivered within the stipulated time, under penalty of disqualification;
- f) After the competition, a feedback form will be sent and should be filled by the participants until the 9th of April of 2019;
- g) Entering EBEC Lisbon involves the payment of a deposit of 20 euros per team. The teams on the waiting list only pay the deposit if they are called to compete. An email will be sent with the NIB to which the transfer should be made. The deposit will be returned at the end of the event after completing the feedback form of the event if the team did not commit any irregularity mentioned in Article 10;
- h) The name of the team is subject to change, should this be deemed inappropriate by the Organization;
- i) Teams can sign up for both categories but will only be accepted in one. If a team in this situation is accepted, the category in which the team will compete will be decided by the Organization;
- j) If a team signs up more than once only the last inscription will be valid.

Article 4 [Event]

- a) At the beginning and end of the competition, it is necessary that all members of each team are present in their room, except in justifiable circumstances, with the Organization's approval;
- b) At the beginning of the competition a room will be randomly assigned to every team, so that there is only one team per assigned space;
- c) Each test is regulated by a script provided by the Organization;
- d) For each participating team there will be a designated space where it must perform the proposed task. Whenever deemed necessary, the transportation of the prototype will be made by the participants with the permission and under supervision of the Organization;
- e) In the category of Team Design, during the competition, it is forbidden the use of personal objects that allow access to external information (such as mobile phones, tablets, laptops, etc.) unless the Organization says otherwise. These will be collected at the beginning of the competition, staying under the responsibility of the organization;
- f) In the category of Case Study, the use of personal property is fully permitted,

however it is strictly forbidden to contact with the outside in order to obtain benefits for the competition;

- g) On Team Design, only the materials and tools provided by the Organization and included in the script of the competition should be used in the construction of the prototype;
- h) During the activity, it will be allowed to call a person from the Organization of the competition in order to clarify any questions regarding the objective of the competition;
- i) Trips to the outside of the building will only be allowed with the permission of the organizers;
- j) In the room assigned to each team in each category, it is not allowed the entrance of non-team members, with the exception of the Organization;
- k) Participants are not allowed to enter the Organization room without permission;
- l) After the competition, the Team Design teams will have to take the prototypes to the lobby of the Central building on *Campus Alameda of Instituto Superior Técnico*, which will be closed, remaining there until the morning of March 25th, 2019. On March 25th, 2019, all Team Design prototypes will be exhibited in the same room;
- m) The transport contemplated in the preceding paragraph is the sole responsibility of the teams;
- n) After the period designated to finish the script is over, an element of the Organization of EBEC Lisbon will travel to each of the rooms in order to collect the prototype, even if it is not completely finished.
- o) Teams of both categories will have to sign a term of responsibility before the start of the competition. Teams from the Case Study category will have to sign a NDA (Non Disclosure Agreement) regarding the content of the competition.

Article 5 [Mini Competitions]

- a) The Mini Competitions are small challenges that will occur during the 24 hours of competition and simultaneously with the main competition;
- b) The Mini Competitions are mandatory, meaning the teams will have to participate in this competition with at least two members;
- c) During the 24 hours three Mini Competitions will be held;
- d) The schedule of the Mini Competitions will be presented in the script of the main competition;
- e) The teams will have the first contact with the script of the Mini Competitions immediately before the start of the same;
- f) All the evaluation criteria will be made known to the participating teams before the start of the competition;
- g) In case of a tie, the prize is awarded to both teams.

Article 6 [Competition and Evaluation]

- a) All conditions of evaluation and testing of the prototypes will be made known to the participating teams before the start of the competition;
- b) The Organization of EBEC Lisbon commits itself to providing the resources and

infrastructure required for the testing of the prototypes;

- c) The prototypes presented by the teams will be tested/evaluated individually and by turns, i.e, there will be no direct competition between prototypes and/or projects;
- d) After the evaluation of the prototypes, it is the responsibility of each team to take the respective prototype off the testing area to leave it clean;
- e) In the Case Study category, the intellectual property of the solutions belongs to McKinsey International Inc;
- f) The reports, the presentation of the prototypes and/or the Case Study solutions will have to be made in English and are subject to questions by the judging panel;
- g) The Organization will deliver a grid containing the evaluation parameters, as well as a listing of all the teams in the competition to each of the members of the jury in order to facilitate/justify the determination of winners;
- h) The announcement and award ceremony for the winners will be made in a public ceremony at the end of the event.

Article 7 [Jury]

- a) The jury will consist of faculty members of *Instituto Superior Técnico* and/or elements of partner entities of BEST Lisbon;
- b) The Jury shall:
 - Ensure the compliance of the articles in this Regulation;
 - Oversee the evaluation of the performance of the prototypes in the category of Team Design, or solutions for the Case Study, recording the results;
 - Assess the originality of the models;
 - Announce the winners;
 - Apply the penalties they deem appropriate in cases not covered by this Regulation.
- c) Decisions taken by the jury during the event are final.

Article 8 [Awards]

- a) Prizes will be awarded to winning teams in each category;
- b) All participants will also receive a certificate of participation signed by the Main Organizers and President of the Local Group BEST Lisbon;
- c) Prizes will be awarded in a public ceremony at the end of the event, on the 25th of March, 2019 in the *Campus Alameda* of *Instituto Superior Técnico*;

Article 9 [Irregularities]

- a) In the case of noncompliance with any of the rules of the Regulation, the team will be disqualified and lose the right to the return of the deposit;
- b) In the case of a breach of the script, the penalty of the team is decided by the jury;
- c) Any damaged material (tools, tables, chairs, ...), except the ones used in the prototype, implies the loss of the team's deposit. In the case of this value exceeding the value of the deposit, the team has to pay the difference of the cost of damaged materials;

- d) The team is responsible for maintaining the good condition of its room and the cleaning of the same. Failure to comply with this rule will lead to forfeiture of the deposit. If the value of the damaged room's materials exceeds the value of the deposit, the team has to pay the difference of the cost of the damaged materials;
- e) Failure to comply with points g) and i) of Article 4 means immediate loss of the deposit of the team and the immediate disqualification;

Article 10 [Final considerations]

- a) Participation in the EBEC Lisbon implies full acceptance of these rules;
- b) All cases not covered, or not expressed clearly in this regulation will be considered and decided by the Organization of the competition upon the inherent circumstances;
- c) BEST Lisbon reserves the right, for compelling reasons, to amend this regulation, and the jury composition;
- d) This event may be terminated by decision of BEST Lisbon;
- e) The Organisation reserves the right to change the schedule of the competition;
- f) Questions or suggestions:
 - To answer any questions or to clarify any doubts, participants should check the information on the website or on the Facebook page of BEST Lisbon;
 - For any further information or to make suggestions, please contact us via email ebec-participants@best.ist.utl.pt.

Lisbon, February 19th, 2019

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